

Listing of Claims

1. - 39. (Canceled)

40. (Currently Amended) A method of identifying an agent that decreases ~~viral~~ human immunodeficiency virus type 1 (HIV-1) infection comprising:

- administering a test agent to a cell containing Rab11A;
- contacting the cell with ~~a virus~~ HIV-1;
- detecting a level of ~~viral~~ HIV-1 infection by assessing; ~~and~~
associating the level of ~~viral~~ infection with Rab11A gene expression or Rab11A activity,

wherein a decrease in ~~viral~~ infection associated with a decrease of Rab11A gene expression, Rab11A activity, or a combination thereof indicates that the test agent is an agent that decreases ~~viral~~ HIV-1 infection.

41. - 61. (Canceled)

62. (Previously presented) The method of claim 40, wherein the activity is Rab11a enzymatic activity.

63. (Canceled)

64. (Withdrawn) A method of identifying an agent that binds to Rab11A, comprising:

- contacting the agent with Rab11A; and
- detecting binding of the agent to Rab11A, thereby identifying the agent as a Rab11A binding agent.

65. (Withdrawn and Currently Amended) The method of claim 64, further comprising testing the agent that binds to Rab11A in an assay that determines the ability of the agent to decrease ~~viral~~ HIV-1 infection.